

ABSTRACT

It is an object of the invention to provide an articulated robot capable of reducing a number of axes, making the robot light-weighted, reducing fabrication cost and promoting a working efficiency by mounting two or more of hands at a single unit of the robot and sharing portions of axes and its control apparatus.

For that purpose, an articulated robot having a plurality of hands at a single unit thereof capable of sharing portions of axes (first axis, second axis) and attaching the hands respectively to tips of a plurality of axes (4A axis, 4B axis) connected to the axes (first axis, second axis) independently therefrom is provided with a control apparatus for subjecting a designated one of the hands to a CP control and switching the hand which is not designated to a PTP control.

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